

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of William R. SAUNDERS and Michael A. VAUDREY

Serial No.: 09/534,730

Group Art Unit: 2644

Filed: 03/27/2000

Examiner: MEI, Xu

For: **ADAPTIVE PERSONAL ACTIVE NOISE REDUCTION SYSTEM**

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner For Patents
P.O. Box 1450
Alexandria VA 22313-1450

Dear Sir:

In accordance with 37 CFR § 1.56, Applicant hereby submits the following Supplemental Information Disclosure Statement. The forms PTO/SB/08A and PTO/SB/08B submitted lists references which Applicant believes the Examiner may find relevant. These documents are not necessarily analogous art. It is respectfully requested that these documents be considered by the Examiner and that the Examiner indicate consideration of the cited references by returning copies of the attached forms PTO/SB/08A and PTO/SB/08B with initials or other appropriate marks affixed. Copies of all references are enclosed.

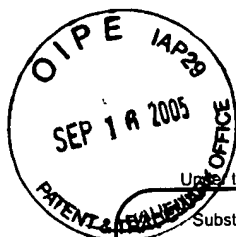
Respectfully submitted,

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PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 2

Complete if Known

Application Number	09/534,730
Filing Date	03/27/2000
First Named Inventor	William R. SAUNDERS & Michael A. VAUDREY
Art Unit	2644
Examiner Name	MEI, Xu
Attorney Docket Number	2790-003DIV2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US- 6,449,369	09/10/2002	Carme et al.	
	2	US- 5,251,263	10/05/1993	Andrea et al	
	3	US- 5,329,592	07/12/1994	Altman	
	4	US- 3,098,121	07/16/1963	Wadsworth	
	5	US- 5,402,497	03/28/1995	Nishimoto et al	
	6	US- 5,375,174	12/20/1994	Denenberg	
	7	US- 5,361,303	11/01/1994	Eatwell	
	8	US- 5,105,377	04/14/1992	Ziegler, Jr.	
	9	US- 5,097,510	03/17/1992	Graupe	
	10	US- 4,930,148	05/29/1990	Lee	
	11	US- 4,878,188	10/31/1989	Ziegler Jr.	
	12	US- 4,845,751	07/04/1989	Schwab	
	13	US- 4,682,363	07/21/1987	Goldfarb et al	
	14	US- 4,654,871	03/31/1987	Chaplin et al	
	15	US- 4,494,074	01/15/1985	Bose	
	16	US- 4,122,303 ✓	10/24/1978	Chaplin et al	
	17	US- 4,025,721 ✓	05/24/1977	Graupe et al	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

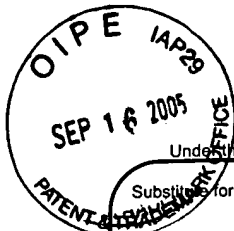
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitution for form 1449/PTO

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Examiner Name	MEI, Xu
Attorney Docket Number	2790-003DIV2

Sheet	2	of	2
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	17	"Active Noise Control Systems: Designing for the Auditory System" William R. Saunders and Michael A. Vaudrey. Proceedings of Noise-Con 96, Bellevue, Wash., Sept. 1996	
	18	"Active Control of Sound and Vibration", by C. R. Fuller and A. R. vonFlotow, IEEE Control Systems, Dec. 1995, pp 9-19	
	19	"A Hybrid Structural Control Approach for Narrowband and Impulsive Disturbance Rejection", by W. R. Saunders, H. H. Robertshaw and R. A. Burdisso, Noise Control Engineering Journal, Special Issue on Active Noise Control, Vol. 44, No. 1, Jan-Feb, 1996	
	20	"Adaptive Signal Processing" Bernard Widrow & Samuel D. Stearns. Prentice-Hall Signal Processing Series. 1985 Upper Saddle River, New Jersey	

Examiner
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Considered

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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